

GenCore version 5.1.6
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OM proteoln - protein search, using sw model

Run on: June 9, 2003, 12:34:22 ; Search time 176.298 Seconds

(without alignments)
131.654 Million cell updates/sec

Title: US-09-785-058-11

Perfect score: 190
Sequence: 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36Scoring table: BLOSUM62
Gapco 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Pending Patents_AA_Main:*

1: /cgn2_6/ptodata/1/paa/PCTUS_COMB.pep:*

2: /cgn2_6/ptodata/1/paa/US06_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US07_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US08_COMB.pep:*

5: /cgn2_6/ptodata/1/paa/US081_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US082_COMB.pep:*

7: /cgn2_6/ptodata/1/paa/US083_COMB.pep:*

8: /cgn2_6/ptodata/1/paa/US084_COMB.pep:*

9: /cgn2_6/ptodata/1/paa/US085_COMB.pep:*

10: /cgn2_6/ptodata/1/paa/US086_COMB.pep:*

11: /cgn2_6/ptodata/1/paa/US087_COMB.pep:*

12: /cgn2_6/ptodata/1/paa/US088_COMB.pep:*

13: /cgn2_6/ptodata/1/paa/US089_COMB.pep:*

14: /cgn2_6/ptodata/1/paa/US090_COMB.pep:*

15: /cgn2_6/ptodata/1/paa/US091_COMB.pep:*

16: /cgn2_6/ptodata/1/paa/US092_COMB.pep:*

17: /cgn2_6/ptodata/1/paa/US093_COMB.pep:*

18: /cgn2_6/ptodata/1/paa/US094_COMB.pep:*

19: /cgn2_6/ptodata/1/paa/US095_COMB.pep:*

20: /cgn2_6/ptodata/1/paa/US096_COMB.pep:*

21: /cgn2_6/ptodata/1/paa/US097_COMB.pep:*

22: /cgn2_6/ptodata/1/paa/US098_COMB.pep:*

23: /cgn2_6/ptodata/1/paa/US099_COMB.pep:*

24: /cgn2_6/ptodata/1/paa/US100_COMB.pep:*

25: /cgn2_6/ptodata/1/paa/US101_COMB.pep:*

26: /cgn2_6/ptodata/1/paa/US102_COMB.pep:*

27: /cgn2_6/ptodata/1/paa/US103_COMB.pep:*

Prod. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	190	100.0	36	1	PCT-US02-04432-11
2	190	100.0	36	1	PCT-US02-04812-11
3	190	100.0	36	21	US-09-785-058-11
4	190	100.0	36	21	US-09-785-058-11
5	190	100.0	36	24	US-10-079-075-11
6	176	92.6	48	1	PCT-US02-04432-12

7	176	92.6	48	1	PCT-US02-04812-12	Sequence 12, Appl
8	176	92.6 <td>48</td> <td>21</td> <td>US-09-785-058-12</td> <td>Sequence 12, Appl</td>	48	21	US-09-785-058-12	Sequence 12, Appl
9	176	92.6 <td>48</td> <td>21</td> <td>US-09-785-058-12</td> <td>Sequence 12, Appl</td>	48	21	US-09-785-058-12	Sequence 12, Appl
10	176	92.6 <td>48</td> <td>24</td> <td>US-10-079-075-12</td> <td>Sequence 12, Appl</td>	48	24	US-10-079-075-12	Sequence 12, Appl
11	134	70.5 <td>36</td> <td>1</td> <td>PCT-US02-04432-6</td> <td>Sequence 6, Appl</td>	36	1	PCT-US02-04432-6	Sequence 6, Appl
12	134	70.5 <td>36</td> <td>1</td> <td>PCT-US02-04812-6</td> <td>Sequence 6, Appl</td>	36	1	PCT-US02-04812-6	Sequence 6, Appl
13	134	70.5 <td>36</td> <td>21</td> <td>US-09-785-058-6</td> <td>Sequence 6, Appl</td>	36	21	US-09-785-058-6	Sequence 6, Appl
14	134	70.5 <td>36</td> <td>21</td> <td>US-09-785-058-6</td> <td>Sequence 6, Appl</td>	36	21	US-09-785-058-6	Sequence 6, Appl
15	134	70.5 <td>36</td> <td>24</td> <td>US-10-079-075-6</td> <td>Sequence 6, Appl</td>	36	24	US-10-079-075-6	Sequence 6, Appl
16	134	70.5 <td>42</td> <td>1</td> <td>PCT-US02-04432-7</td> <td>Sequence 7, Appl</td>	42	1	PCT-US02-04432-7	Sequence 7, Appl
17	134	70.5 <td>42</td> <td>1</td> <td>PCT-US02-04812-7</td> <td>Sequence 7, Appl</td>	42	1	PCT-US02-04812-7	Sequence 7, Appl
18	134	70.5 <td>42</td> <td>21</td> <td>US-09-785-058-7</td> <td>Sequence 7, Appl</td>	42	21	US-09-785-058-7	Sequence 7, Appl
19	134	70.5 <td>42</td> <td>21</td> <td>US-09-785-058-7</td> <td>Sequence 7, Appl</td>	42	21	US-09-785-058-7	Sequence 7, Appl
20	134	70.5 <td>42</td> <td>24</td> <td>US-10-079-075-7</td> <td>Sequence 7, Appl</td>	42	24	US-10-079-075-7	Sequence 7, Appl
21	134	70.5 <td>48</td> <td>1</td> <td>PCT-US02-04432-8</td> <td>Sequence 8, Appl</td>	48	1	PCT-US02-04432-8	Sequence 8, Appl
22	134	70.5 <td>48</td> <td>1</td> <td>PCT-US02-04812-8</td> <td>Sequence 8, Appl</td>	48	1	PCT-US02-04812-8	Sequence 8, Appl
23	134	70.5 <td>48</td> <td>21</td> <td>US-09-785-058-8</td> <td>Sequence 8, Appl</td>	48	21	US-09-785-058-8	Sequence 8, Appl
24	134	70.5 <td>48</td> <td>21</td> <td>US-09-785-058-8</td> <td>Sequence 8, Appl</td>	48	21	US-09-785-058-8	Sequence 8, Appl
25	134	70.5 <td>48</td> <td>24</td> <td>US-10-079-075-8</td> <td>Sequence 8, Appl</td>	48	24	US-10-079-075-8	Sequence 8, Appl
26	130	68.4 <td>24</td> <td>1</td> <td>PCT-US02-04432-10</td> <td>Sequence 10, Appl</td>	24	1	PCT-US02-04432-10	Sequence 10, Appl
27	130	68.4 <td>24</td> <td>1</td> <td>PCT-US02-04812-10</td> <td>Sequence 10, Appl</td>	24	1	PCT-US02-04812-10	Sequence 10, Appl
28	130	68.4 <td>24</td> <td>21</td> <td>US-09-785-058-10</td> <td>Sequence 10, Appl</td>	24	21	US-09-785-058-10	Sequence 10, Appl
29	130	68.4 <td>24</td> <td>21</td> <td>US-09-785-058-10</td> <td>Sequence 10, Appl</td>	24	21	US-09-785-058-10	Sequence 10, Appl
30	130	68.4 <td>24</td> <td>24</td> <td>US-10-079-075-10</td> <td>Sequence 10, Appl</td>	24	24	US-10-079-075-10	Sequence 10, Appl
31	96	50.5 <td>31</td> <td>1</td> <td>PCT-US02-04432-3</td> <td>Sequence 3, Appl</td>	31	1	PCT-US02-04432-3	Sequence 3, Appl
32	96	50.5 <td>31</td> <td>1</td> <td>PCT-US02-04812-3</td> <td>Sequence 3, Appl</td>	31	1	PCT-US02-04812-3	Sequence 3, Appl
33	96	50.5 <td>31</td> <td>21</td> <td>US-09-785-058-3</td> <td>Sequence 3, Appl</td>	31	21	US-09-785-058-3	Sequence 3, Appl
34	96	50.5 <td>31</td> <td>21</td> <td>US-09-785-058-3</td> <td>Sequence 3, Appl</td>	31	21	US-09-785-058-3	Sequence 3, Appl
35	96	50.5 <td>31</td> <td>24</td> <td>US-10-079-075-3</td> <td>Sequence 3, Appl</td>	31	24	US-10-079-075-3	Sequence 3, Appl
36	88	46.3 <td>24</td> <td>1</td> <td>PCT-US02-04432-5</td> <td>Sequence 5, Appl</td>	24	1	PCT-US02-04432-5	Sequence 5, Appl
37	88	46.3 <td>24</td> <td>1</td> <td>PCT-US02-04812-5</td> <td>Sequence 5, Appl</td>	24	1	PCT-US02-04812-5	Sequence 5, Appl
38	88	46.3 <td>24</td> <td>21</td> <td>US-09-785-058-5</td> <td>Sequence 5, Appl</td>	24	21	US-09-785-058-5	Sequence 5, Appl
39	88	46.3 <td>24</td> <td>21</td> <td>US-09-785-058-5</td> <td>Sequence 5, Appl</td>	24	21	US-09-785-058-5	Sequence 5, Appl
40	88	46.3 <td>24</td> <td>24</td> <td>US-10-079-075-5</td> <td>Sequence 5, Appl</td>	24	24	US-10-079-075-5	Sequence 5, Appl
41	80.5	42.4	133	20	US-09-614-130-10746	Sequence 10746, A
42	80.5	42.4	133	27	US-60-191-637-10778	Sequence 10778, A
43	80.5	42.4	133	27	US-60-191-637-10778	Sequence 10778, A
44	73	38.4	71	20	US-09-620-111B-3264	Sequence 3264, Ap
45	73	38.4	82	19	US-09-513-996A-34302	Sequence 34302, A

ALIGNMENTS

RESULT 1
PCT-US02-04432-11
Sequence 11, Application PC/TUS0204432
GENERAL INFORMATION:
APPLICANT: Ronald C. Montelaro
APPLICANT: Timothy A. Mielzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-PCT / 072396.0223
CURRENT APPLICATION NUMBER: PCT/US02/04432
CURRENT FILING DATE: 2002-02-13
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 11
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-11

Query Match 100.0%; Score 190; DB 1; Length 36;
Best Local Similarity 100.0%; Prod. No. 5.6e-15;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36
DB 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36

```

PCT-US02-04812-11
RESULT 2
Sequence 11, Application PC/TUS0204812
GENERAL INFORMATION:
APPLICANT: Ronald C. Montelaro
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-PCT / 072396.0223
CURRENT FILING DATE: 2002-02-19
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FaSTSeq for Windows Version 3.0
SEQ ID NO 11
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-11

Query Match      100.0%; Score 190; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 5.6e-15;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 VRRVRRVVRRVRVRVRVRVRVRVRVRVRVRVR 36
    |||||
Db 1 VRRVRRVVRRVRVRVRVRVRVRVRVRVRVRVR 36

RESULT 3
US-09-785-058-11
Sequence 11, Application US/09785058
GENERAL INFORMATION:
APPLICANT: Ronald C. Montelaro
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A 34001 / 072396.0222
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FaSTSeq for Windows Version 3.0
SEQ ID NO 11
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-11

Query Match      100.0%; Score 190; DB 21; Length 36;
Best Local Similarity 100.0%; Pred. No. 5.6e-15;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 VRRVRRVVRRVRVRVRVRVRVRVRVRVRVRVR 36
    |||||
Db 1 VRRVRRVVRRVRVRVRVRVRVRVRVRVRVRVR 36

RESULT 4
US-09-785-059-11
Sequence 11, Application US/09785059
GENERAL INFORMATION:
APPLICANT: Ronald C. Montelaro
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A33577 / 072396.0217
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FaSTSeq for Windows Version 3.0
SEQ ID NO 11
LENGTH: 36
TYPE: PRT

```

ORGANISM:	Artificial sequence			
FEATURE:				
OTHER INFORMATION:	Artificial peptide derived from HIV-1			
US-09-785-059-11				
Query Match	100.0%;	Score 190;	DB 21;	Length 36;
Best Local Similarity	100.0%;	Pred. No. 5,6e-15;		
Matches	36;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0;
QY	1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR	36		
DB	1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR	36		
RESULT 5				
US-10-079-075-11				
Sequence 11, Application US/10079075				
GENERAL INFORMATION:				
APPLICANT: Ronald C. Montelaro				
APPLICANT: Timothy A. Metzner				
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES				
FILE REFERENCE: A34001-A / 072396.0222				
CURRENT APPLICATION NUMBER: US/10/079,075				
CURRENT FILING DATE: 2002-02-19				
NUMBER OF SEQ ID NOS: 12				
SOFTWARE: FastSeq for Windows Version 3.0				
SEQ ID NO 11				
LENGTH: 36				
TYPE: PRT				
ORGANISM: Artificial Sequence				
FEATURE:				
OTHER INFORMATION: Artificial peptide derived from HIV-1				
US-10-079-075-11				
Query Match	100.0%;	Score 190;	DB 24;	Length 36;
Best Local Similarity	100.0%;	Pred. No. 5,6e-15;		
Matches	36;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0;
QY	1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR	36		
DB	1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR	36		
RESULT 6				
PCT-US02-04432-12				
Sequence 12, Application PC/TUS0204432				
GENERAL INFORMATION:				
APPLICANT: Ronald C. Montelaro				
APPLICANT: Timothy A. Metzner				
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES				
FILE REFERENCE: A34001-PCT / 072396.0223				
CURRENT APPLICATION NUMBER: PCT/US02/04432				
CURRENT FILING DATE: 2002-02-13				
NUMBER OF SEQ ID NOS: 12				
SOFTWARE: FastSeq for Windows Version 3.0				
SEQ ID NO 12				
LENGTH: 48				
TYPE: PRT				
ORGANISM: Artificial Sequence				
FEATURE:				
OTHER INFORMATION: artificial peptides derived from HIV-1				
PCT-US02-04432-12				
Query Match	92.6%;	Score 176;	DB 1;	Length 48;
Best Local Similarity	100.0%;	Pred. No. 3,2e-13;		
Matches	33;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0;
QY	1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR	33		
DB	13 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRR	45		
RESULT 7				

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PCT-US02-04812-12
; Sequence 12, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
PCT-US02-04812-12

Query Match          92.6%; Score 176; DB 1; Length 48;
Best Local Similarity 100.0%; Pred. No. 3.2e-13;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 33
    |||
Db 13 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 45

RESULT 8
US-09-785-058-12
; Sequence 12, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-09-785-058-12

Query Match          92.6%; Score 176; DB 21; Length 48;
Best Local Similarity 100.0%; Pred. No. 3.2e-13;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 33
    |||
Db 13 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 45

RESULT 9
US-09-785-059-12
; Sequence 12, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial sequence
```

```
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-09-785-059-12

Query Match          92.6%; Score 176; DB 21; Length 48;
Best Local Similarity 100.0%; Pred. No. 3.2e-13;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 33
    |||
Db 13 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 45

RESULT 10
US-10-079-075-12
; Sequence 12, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-10-079-075-12

Query Match          92.6%; Score 176; DB 24; Length 48;
Best Local Similarity 100.0%; Pred. No. 3.2e-13;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 33
    |||
Db 13 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRRW 45
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```
RESULT 11
PCT-US02-04432-6
; Sequence 6, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-6

Query Match          70.5%; Score 134; DB 1; Length 36;
Best Local Similarity 88.9%; Pred. No. 1.9e-08;
Matches 32; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRR 36
    |||
Db 1 VRRVRRVVRRVRRVRRVRRVRRVRRVRRVRR 36

RESULT 12
PCT-US02-04812-6
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; Sequence 6, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-6

Query Match          70.5%; Score 134; DB 1; Length 36;
Best Local Similarity 88.9%; Pred. No. 1.9e-08;
Matches 32; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36

RESULT 13
US-09-785-058-6
; Sequence 6, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-6

Query Match          70.5%; Score 134; DB 21; Length 36;
Best Local Similarity 88.9%; Pred. No. 1.9e-08;
Matches 32; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36

RESULT 14
US-09-785-059-6
; Sequence 6, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
```

```
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-6

Query Match          70.5%; Score 134; DB 21; Length 36;
Best Local Similarity 88.9%; Pred. No. 1.9e-08;
Matches 32; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36

RESULT 15
US-10-079-075-6
; Sequence 6, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-6

Query Match          70.5%; Score 134; DB 24; Length 36;
Best Local Similarity 88.9%; Pred. No. 1.9e-08;
Matches 32; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 36
```

Search completed: June 9, 2003, 13:07:21
Job time : 176.298 secs